

In the Claims

Please AMEND the claims as follows:

1. (Currently amended) Apparatus for mobilizing drill cuttings in a well, the apparatus comprising at least one vane, at least two blades defining at least one fluid conduit between adjacent blades, the blades and vane being rotatable relative to one another, and a clamp configured to clamp the apparatus to a drill string in use.
2. (Currently amended) The apparatus Apparatus according to claim 1, wherein the blades are configured to create a pressure difference in a fluid flowing through the at least one fluid conduit.
3. (Currently amended) The apparatus Apparatus according to claim 1, comprising a sleeve adapted to fit over a drill string in the well.
4. (Currently amended) The apparatus Apparatus according to claim 3, wherein the at least one vane is provided on the sleeve.
5. (Currently amended) The apparatus Apparatus according to claim 1, wherein the blades project radially outward to a greater extent than the at least one vane.
6. (Currently amended) The apparatus Apparatus according to claim 3, wherein the blades are mounted on a bushing that is connected to the sleeve and is rotatably mounted on the sleeve.
7. (Currently amended) The apparatus Apparatus according to claim 3, wherein the sleeve has an axis of rotation, and wherein the blades are arranged substantially parallel to the axis of rotation of the sleeve.

8. (Currently amended) The apparatus Apparatus according to claim 6, wherein the bushing has an axis of rotation and wherein the blades are offset with respect to the axis of rotation of the bushing such that the blades extend helically around the bushing.

9. (Currently amended) The apparatus Apparatus according to claim 8, wherein the blades are offset at an angle of 3-10 degrees with respect to the axis of rotation of the bushing.

10. (Currently amended) The apparatus Apparatus according to claim 3, ~~comprising a fixing device wherein the clamp is an annular clamp for attaching the sleeve to the drill string.~~

11. (Cancelled)

12. (Cancelled)

13. (Currently amended) The apparatus Apparatus according to claim 1, wherein the at least one vane is rotationally fixed to a drill string such that rotation of the drill string causes rotation of the at least one vane.

14. (Currently amended) The apparatus Apparatus according to claim 1, wherein the at least one vane is configured to create thrust when rotated in a fluid.

15. (Currently amended) The apparatus Apparatus according to claim 1, wherein the blades have an asymmetric profile.

16. (Currently amended) The apparatus Apparatus according to claim 1, wherein the blades are shaped in the form of foils, so that the fluid conduits defined between adjacent blades on the bushing change in profile between a first end proximal to the drill bit and a second end distal from the drill bit.

17. (Currently amended) The apparatus-Apparatus according to claim 16, wherein the at least one fluid conduit is relatively narrow at the first end proximal to the drill bit and relatively wider towards the other end distal from the drill bit.
18. (Currently amended) The apparatus-Apparatus according to claim 1, wherein the blades have a cross section in the form of an hour glass.
19. (Currently amended) The apparatus-Apparatus according to claim 18, wherein the blades are shaped to have a wide root radially inner most adjacent the bushing, a wide top at the radially outermost part of the blade arranged to bear against the borehole wall, and a narrower cutaway portion between the root and top.
20. (Currently amended) The apparatus-Apparatus according to claim 6, wherein the bushing is formed from a rigid material.
21. (Currently amended) The apparatus-Apparatus according to claim 3, wherein the sleeve has an annular body to accommodate a tubular therethrough.
22. (Currently amended) The apparatus-Apparatus according to claim 21, wherein the annular body has at least one vane integrally formed therewith.
23. (Currently amended) The apparatus-Apparatus according to a claim 21, wherein the sleeve has at least one vane-receiving recess therein to receive and retain at least one modular vane.
24. (Currently amended) The apparatus-Apparatus according to claim 6, wherein the bushing has blades integrally formed therewith.
25. (Currently amended) The apparatus-Apparatus according to claim 6, wherein the

bushing has blade-receiving recesses therein to receive and retain modular blades.

26. (Currently amended) The apparatus-Apparatus according to claim 3, wherein the sleeve has an axis of rotation, and therein the at least one vane lies parallel to the axis of rotation of the sleeve.

27. (Currently amended) The apparatus-Apparatus according to claim 3, wherein the at least one vane is curved so as to scoop fluid from an area surrounding the vanes.

28. (Currently amended) The apparatus-Apparatus according to claim 27, wherein the at least one vane is configured in a sinusoidal shape.

29. (Currently amended) The apparatus-Apparatus according to claim 27, wherein the sleeve has an axis of rotation, and wherein the at least one vane is offset with respect to the axis of rotation of the sleeve such that one end of the at least one vane is circumferentially spaced around the sleeve from the other end.

30. (Currently amended) The apparatus-Apparatus according to claim 29, wherein the blades are provided on a bushing that is rotatably mounted on the sleeve, and are offset with respect to an axis of the bushing, direction of offset of and wherein the at least one vane and the blades are is offset in an opposite directions. to the offset of the blades.

31. (Currently amended) The apparatus-Apparatus according to claim 1, wherein the at least one vane has a concave surface.

32. (Currently amended) The apparatus-Apparatus according to claim 31, wherein the concave surface is provided on one side of the at least one vane facing the direction of rotation.

33. (Currently amended) The apparatus-Apparatus according to a claim 32, wherein the

side of the at least one vane is shaped to have a greater radius of curvature at one end than at another end.

34. (Currently amended) The apparatus Apparatus according to claim 1, wherein the at least one vane has one or more notches cut away from a radially outermost portion thereof.

35. (Currently amended) A drill cuttings agitation assembly, comprising a tubular, and apparatus comprising at least one vane, and at least two blades defining at least one fluid conduit between adjacent blades, and a clamp, wherein the at least one vane and the blades are rotatable relative to one another, and wherein the apparatus is clamped to the tubular by the clamp.

36. (Currently amended) The A method of agitating drill fluid in an oil or gas well using apparatus having at least one vane and at least two blades, the method comprising clamping the apparatus to a drill string, rotating the passing the drill fluid past at least one vane rotatable relative to the at least two blades, and passing the drill fluid past the at least one vane relative to and the at least two blades.

37. (Currently amended) The A method according to claim 36, including configuring the blades to create a pressure difference in fluid flowing through at least one fluid conduit defined by at least two blades.

38. (Currently amended) The A method according to claim 36, including providing the at least one vane on a sleeve.

39. (Currently amended) The A method according to claim 38, including providing blades on a bushing and rotatably mounting the bushing with respect to the sleeve.

40. (Currently amended) The A method according to claim 36, including mounting and

rotationally fixing the at last one vane on a drill string.

41. (Currently amended) The A method according to claim 40, including rotating the drill string to rotate the at least one vane, thereby agitating the drill fluid in the environment.

42. (Currently amended) The A method according to claim 41, including centralizing the sleeve within a bore in which the drill string is located, by means of the blades.

43. (New) The apparatus as claimed in claim 6, wherein the sleeve has a bearing region and the bushing is formed as two separate leaves to close around the bearing region of the sleeve.

44. (New) Apparatus for mobilizing drill cuttings in a well, the apparatus comprising a sleeve adapted to fit over a drill string in the well, and at least one vane provided on the sleeve, at least two blades mounted on a bushing that is rotatably mounted on the sleeve, wherein the blades define at least one fluid conduit between adjacent blades, the blades and vane being rotatable relative to one another, wherein the sleeve has a bearing region and the bushing closes around the bearing region of the sleeve.

45. (New) The apparatus as claimed in claim 44, comprising an annular clamp for attaching the sleeve to the drill string.